

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

**NPDES PERMIT FACT SHEET  
INDIVIDUAL SFTF/SRSTP**

Application No. PA0255637  
APS ID 1144624  
Authorization ID 1539165

**Applicant, Facility and Project Information**

Applicant Name	<u>David C Lane</u>	Facility Name	<u>1206 Eldersville Rd SRSTP</u>
Applicant Address	<u>1206 Eldersville Road</u> <u>Burgettstown, PA 15021-2504</u>	Facility Address	<u>1206 Eldersville Road</u> <u>Burgettstown, PA 15021-2504</u>
Applicant Contact	<u>David Lane</u>	Facility Contact	<u></u>
Applicant Phone	<u>(412) 491-0181</u>	Facility Phone	<u></u>
Client ID	<u>372349</u>	Site ID	<u>840784</u>
SIC Code	<u>8800</u>	Municipality	<u>Jefferson Township</u>
SIC Description	<u>Private Households</u>	County	<u>Washington</u>
Date Application Received	<u>August 26, 2025</u>	WQM Required	<u>No</u>
Date Application Accepted	<u></u>	WQM App. No.	<u></u>
Project Description	<u>Renewal of NPDES Permit</u>		

**Summary of Review**

**Overview**

The permittee applied to renew the permit on 8/26/25. The permit expired on 5/31/25. WQM Permit 6319413 approved a flow rate of 500 GPD.

Note that the current permittee has not submitted AMR's or water testing. The previous homeowner did not inform or explain to the current permittee the requirement of the NPDES permit. The permittee has been made aware of this and working to submit AMR's to the department. The permittee has reported that they have gotten the septic tank pumped recently.

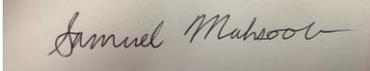
**Facility Information**

The discharge location, Outfall 001, is located at 40° 21' 51.58", -80° 25' 41.75". The receiving stream is North Fork Cross Creek, which is a warm water fishery (WWF).

The system consists of a 1500-gallon concrete dual compartment septic tank, Premier Tech EC7-500-C-P coco filter, integrated pump, and a DiUV unit. The EC7-500-C-P coco filter is not eligible for the PAG-04 General Permit.

**Act 14 Notifications**

Act 14 Notifications were delivered to Jefferson Township and Washington County on 8/13/25.

Approve	Return	Deny	Signatures	Date
x			 Sam Mahsoob, EIT / Environmental Engineering Specialist	2/5/2026
x			 Mahbuba Iasmin, Ph.D., P.E. / Environmental Engineer Manager	2/6/2026

**Summary of Review**

**Client ID Compliance Check**

The permittee has no violations by client ID.

**Public Participation**

DEP will publish notice of the receipt of the NPDES permit application and a tentative decision to issue the individual NPDES permit in the *Pennsylvania Bulletin* in accordance with 25 Pa. Code § 92a.82. Upon publication in the *Pennsylvania Bulletin*, DEP will accept written comments from interested persons for a 30-day period (which may be extended for one additional 15-day period at DEP's discretion), which will be considered in making a final decision on the application. Any person may request or petition for a public hearing with respect to the application. A public hearing may be held if DEP determines that there is significant public interest in holding a hearing. If a hearing is held, notice of the hearing will be published in the *Pennsylvania Bulletin* at least 30 days prior to the hearing and in at least one newspaper of general circulation within the geographical area of the discharge.

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>.0005</u>
Latitude	<u>40° 21' 51.58"</u>	Longitude	<u>-80° 25' 41.75"</u>
Quad Name	<u>Avella</u>	Quad Code	<u>40080C4</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>North Fork Cross Creek</u>	Stream Code	<u>33033</u>
NHD Com ID	<u>99691102</u>	RMI	<u>8.4</u>
Drainage Area	<u>0.05</u>	Yield (cfs/mi <sup>2</sup> )	<u>0.00432</u>
Q <sub>7-10</sub> Flow (cfs)	<u>0.00216</u>	Q <sub>7-10</sub> Basis	<u>USGS StreamStats</u>
Elevation (ft)	<u>1328</u>	Slope (ft/ft)	<u></u>
Watershed No.	<u>20-D</u>	Chapter 93 Class.	<u>WWF</u>
Existing Use	<u></u>	Existing Use Qualifier	<u></u>
Exceptions to Use	<u></u>	Exceptions to Criteria	<u></u>
Assessment Status	<u>Attaining Use(s)</u>		
Cause(s) of Impairment	<u></u>		
Source(s) of Impairment	<u></u>		
TMDL Status	<u></u>	Name	<u></u>
Background/Ambient Data		Data Source	
pH (SU)	<u></u>		<u></u>
Temperature (°F)	<u></u>		<u></u>
Hardness (mg/L)	<u></u>		<u></u>
Other:	<u></u>		<u></u>
Nearest Downstream Public Water Supply Intake <u></u>			
PWS Waters	<u></u>	Flow at Intake (cfs)	<u></u>
PWS RMI	<u></u>	Distance from Outfall (mi)	<u></u>

Changes Since Last Permit Issuance: None

Other Comments: None

Compliance History

**Operations Compliance Check Summary Report**

**Facility:** Lane Prop SRSTP (former 1206 ELDERSVILLE RD SRSTP)

**NPDES Permit No.:** PA0255637

**Compliance Review Period:** 1/1/21-1/12/26

**Inspection Summary:**

INSPECTED DATE	INSP TYPE	AGENCY	INSPECTION RESULT DESC
06/15/2022	Administrative/File Review	PA Dept of Environmental Protection	Administratively Closed

**Violation Summary:**

No violations noted during review period

**Open Violations by Client ID:**

No open violations for Client ID 354296

**Enforcement Summary:**

No enforcements executed during review period

**Effluent Violation Summary:**

None observed

**Compliance Status:** Facility record is generally compliant with no open violations or pending enforcements.

**Completed by:** Amanda Illar **Completed date:** 1/12/26

**Development of Effluent Limitations**

**Technology-Based Limitations (TBELs)**

The following effluent limitations and monitoring requirements, at a minimum, will be established in all new and renewed SFTF permits based on the requirements of DEP's "Standard Operating Procedure (SOP) for Clean Water Program New and Reissuance Small Flow Treatment Facility Individual NPDES Permit Application" (SOP No. BCW-PMT-003, Version 1.8, Final, November 9, 2012, Revised May 17, 2019).

Parameter	Avg	IMAX	Sample Type	Frequency: SFTFs	Frequency: SRSTPs
Flow (GPD)	Report	XXX	Estimate (SRSTPs) Measured (SFTFs)	1/month	1/year
BOD5 (mg/L)	10	20	Grab	1/month	1/year
TSS (mg/L)	10	20	Grab	1/month	1/year
pH*	6.0 S.U. Inst. Min.	9.0 S.U.	Grab	1/month	1/year
TRC (mg/L)	Report for SRSTPs; Use TRC Spreadsheet to determine WQBELs or 0.02 mg/L for SFTFs		Grab	1/month	1/year
Fecal Coliform (No./100 ml)	200 Geometric Mean (SFTFs) / Average (SRSTPs)		Grab	1/month	1/year

\* Technology-Based effluent limits for pH will be imposed based upon Federal Regulation 133.102(c) and State Regulation 95.2(1).

**Proposed Effluent Limitations and Monitoring Requirements**

The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). Sample frequencies and types are derived from the "NPDES Permit Writer's Manual" (362-0400-001), SOPs and/or BPJ.

**Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.**

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) <sup>(1)</sup>		Concentrations (mg/L)				Minimum <sup>(2)</sup> Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Annual Average	Maximum	Instant. Maximum		
Flow (GPD)	Report Annl Avg	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/year	Grab
BOD5	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200 Daily Max	XXX	XXX	1/year	Grab

Compliance Sampling Location: Outfall 001

Other Comments: No changes in permit limits or monitoring frequency from last renewal.

### StreamStats Report

Region ID: PA  
 Clicked Point (Latitude, Longitude): 40.36415, -80.42827  
 Time: 2026-02-05 12:31:33 -0500



#### StreamStats Update

Starting with version 4.30.0, the StreamStats application uses services that were redeveloped with open-source software components. Users may observe minor variations in computed results when compared to those from previous versions. These differences are expected and do not reflect errors in the underlying data or analytical methods. Users are advised to consider these potential variations when interpreting or comparing results generated across different versions of StreamStats. Please email [streamstats@usgs.gov](mailto:streamstats@usgs.gov) with any questions or concerns. A full list of changes can be found at <https://www.usgs.gov/streamstats/news/streamstats-data-updates-open-source-code-release>.

⊞ Collapse All

#### Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	0.05	square miles
ELEV	Mean Basin Elevation	1328.6	feet

#### Low-Flow Statistics

Low-Flow Statistics Parameters [Low Flow Region 4]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.05	square miles	2.26	1400
ELEV	Mean Basin Elevation	1328.6	feet	1050	2580

Low-Flow Statistics Disclaimers [Low Flow Region 4]

One or more of the parameters is outside the suggested range. Estimates were extrapolated with unknown errors.

Low-Flow Statistics Flow Report [Low Flow Region 4]

Statistic	Value	Unit
7 Day 2 Year Low Flow	0.00101	ft <sup>3</sup> /s
30 Day 2 Year Low Flow	0.00225	ft <sup>3</sup> /s
7 Day 10 Year Low Flow	0.000216	ft <sup>3</sup> /s
30 Day 10 Year Low Flow	0.000586	ft <sup>3</sup> /s
90 Day 10 Year Low Flow	0.00142	ft <sup>3</sup> /s

*Low-Flow Statistics Citations*

**Stuckey, M.H., 2006, Low-flow, base-flow, and mean-flow regression equations for Pennsylvania streams: U.S. Geological Survey Scientific Investigations Report 2006-5130, 84 p. (<http://pubs.usgs.gov/sir/2006/5130/>)**

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Application Version: 4.31.0  
 SSHydro Services Version: 1.1.0  
 SSDeLineate Services Version: 1.0.1  
 NSS Services Version: 2.2.1  
 GageStats Services Version: 1.2.1  
 Pourpoint Services Version: 1.2.0  
 Batch Processor Version: 1.6.1